

# Converting Colors

Hex(E5DE76)

Have a look what the booklet for  
Hex(E5DE76) contains.

<b>Hex(E5DE76)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E5DE76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DE76
RGB	229, 222, 118
RGB Percent	90%, 87%, 46%
CMY	0.1020, 0.1294, 0.5373
CMYK	0.00, 0.03, 0.48, 0.10
HSL	56°, 68%, 68%
HSV	56°, 48%, 90%
XYZ	61.7044, 70.2086, 27.4390
YIQ	212.2370, 37.5560, -30.8600

# Conversions

## Conversions Part 2

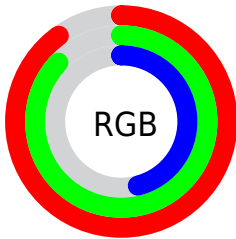
Format	Color
<a href="#">RYB</a>	<a href="#">125, 229, 118</a>
Decimal	<a href="#">15064694</a>
CIELab	<a href="#">87.10, -11.45, 51.43</a>
CIElCh	<a href="#">87, 52.688, 102.552</a>
Yxy	<a href="#">70.2086, 0.3872, 0.4406</a>
Android (android.graphics.Color)	<a href="#">4293254774 (0xFFE5DE76)</a>
YUV	<a href="#">212.2370, -46.4588, 14.7012</a>
Hunter-Lab	<a href="#">83.7906, -15.1839, 39.2376</a>

# Details

The Hex color **E5DE76** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **767DE5**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFAC**, and **ABA742** is the 20% darker color. If you saturate the color by 10%, you get **E5DD5F**, and if you desaturate by 10%, it is **E5DF8D**.

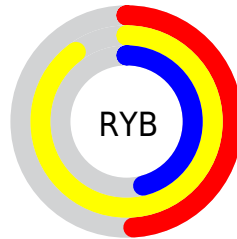
# Distribution



Red (90%)

Green (87%)

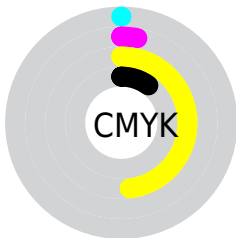
Blue (46%)



Red (49%)

Yellow (90%)

Blue (46%)

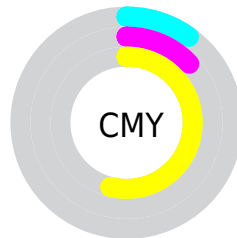


Cyan (0%)

Magenta (3%)

Yellow (48%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5DE76 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E5DE76 by changing the saturation by 10% instead.



 E5DE76

 E5DE76

FFFFFF

 C8C25C

 FFFFAC

 ABA742

 FFFFC8

 908D27

 FFFF E5

 747306

 5A5B00

 404400

 272E00

 0A1A00

 000000

 E5DE76

 E5DE76

 E5DD5F

 E5DF8D

 E5DB48

 E5E1A4

 E5DA31

 E5E2BB

 E5D81A

 E5E4D2

 E5D703

 E5E5E8

 E5D700

 E5E7FF

 E5E8FF

 E5EAFF

 E5EBFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCD7A



E5DE76



AEEB8E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E5DE76



00F1FF



FFB6F9

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E5DE76



767DE5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FAC5FF



E5DE76



43E8FF

# Square

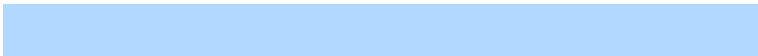
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5DE76



00F4EE



B1D8FF



FFB2C7

# Rectangle

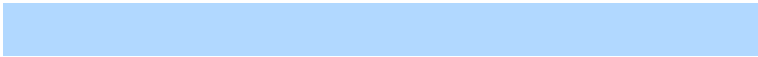
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5DE76



82F0AA



B1D8FF



FFBAFF

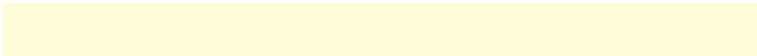


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E5DE76



FFFDD9



E5767D



807E69



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E5DE76



FFF66B



B5E576



737267



B3A700



333000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



767DE5



6B74FF



A676E5



676873



000BB3

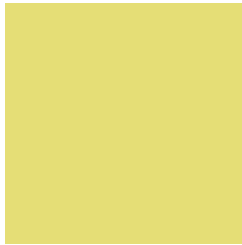


000333



# Previews

## White Background



This preview shows how the Hex color E5DE76 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E5DE76 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5DE76 Background



This preview shows how black text looks on a background with the Hex color E5DE76.

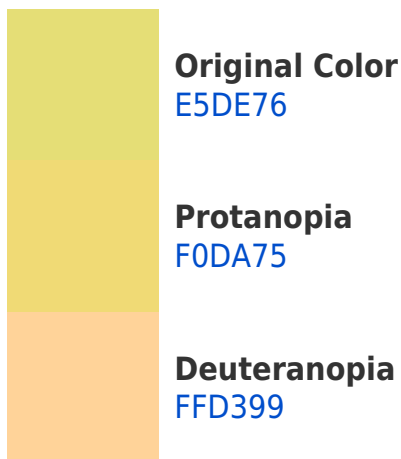


This preview shows how white text looks on a background with the Hex color E5DE76.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

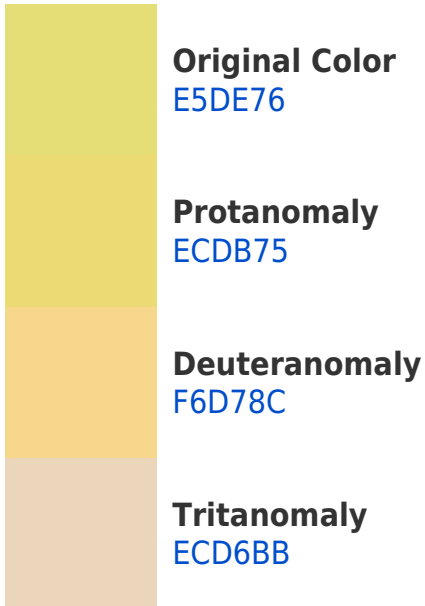
## Dichromacy



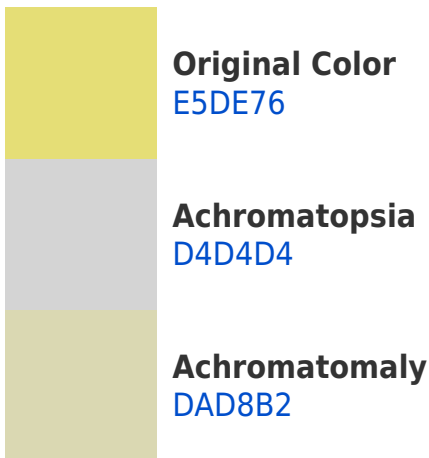


**Tritanopia**  
F0D2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5DE76 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E5DE76 looks like.

```
.text, #text, p{  
    color:#E5DE76  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E5DE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5DE76
}
```

## Border

The CSS property to change the border of an element to Hex E5DE76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E5DE76 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E5DE76 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E5DE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5DE76; -webkit-box-shadow:4px 4px  
4px 4px #E5DE76; box-shadow:4px 4px 4px  
4px #E5DE76 }
```

# Background

The CSS property to change the background color of an element to Hex E5DE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5DE76 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E5DE76 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor